

Page 1 of 1

All amounts are calculated in domestic currency.

All Vendors PO ID PO32456 Receipt Dates from 6/6/2016 to 6/6/2016

Total Received Quantity:	4.0000
Total Qty to Inspect (PO U/M):	0.0000
Total Reject Quantity:	0.0000
Total Receipt Value:	0.0000
Total Balance Due Quantity:	0.0000



McMASTER-CARR®

Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada
Attention: Chantal Lavoie

Purchase Order
PO32456

Order Placed By
Chantal Lavoie

McMaster-Carr Number
3738720-01

Page 1 of 1

06/03/2016

Line	Product	Ordered	Shipped
1	6546K999 Extruded 6061-T6 Aluminum Rectangular Tubing, , 1" X 1-1/2", 1/8" Wall Thickness, 6' Length, , ** with Material Certificate **	4 Each	4 ✓

Shipped 6-8



Sapa Industrial Extrusions
1550 KIRBY LANE

SPANISH FORK, UT
84660-1349

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Certified Inspection Report

Sales Order Number	Line No.	Customer P/O	Cert Number	Page
1101063530	2	4500746888-2	SAPA2449369	1 of 2
Cert Creation Date			Cert Print Date	
29-MAY-16			29-MAY-16	

Invoice To Customer

RYERSON PROCUREMENT CORP
PO BOX 91601

LUBBOCK, TX - 79490

Ship To Customer

RYERSON PROCUREMENT CORP
2580 TECHNOLOGY DR

ELGIN, IL - 60123

Quantity Shipped	Date Shipped	Item Description	Specification
1074 LB	29-MAY-16	Extruded Hollow Rect. Tube 1.000 H x 1.500 W x 0.125 WALL 72.5 IN LN	ASTM B221 REV 14 ASMESB221 REV 09 AMS-QQ-A-200/8 REV A
B/L	Item No.	742803	FIN M-MILL W/F 661 F 14 CS 1.8
Delivery Id	Item No. Rev	4790684	Marking CONTINUOUS: 6061/T6
CustomerPart No.		300038850	

Applicable Specifications, Revisions and Exceptions
TAG: MCMMASTER

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Signature And Title

Justin Donald
Quality Control Manager
29-MAY-16

Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Weight	
				Gross	Net
G14-PKG1802861	22480616	132	PCS	548	537
G14-PKG1802862	22480616	132	PCS	548	537

Composition Limits

Alloy	Si		Fe		Cu		Mn		Mg		Cr		Zn	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.80	---	0.70	0.15	0.40	---	0.15	0.80	1.20	0.04	0.35	---	0.25



Sapa Industrial Extrusions
1550 KIRBY LANE
SPANISH FORK, UT
84660-1349

Certified Inspection Report

Sales Order Number 1101063550	Line No. 2	Customer PO 4500746888-2	Cert Number SAPA2449369	Page 2 of 2
			Cert Creation Date 29-MAY-16	Cert Print Date 29-MAY-16

Alloy	Ti		Others Each		Others Total	
	Min	Max	Min	Max	Min	Max
6061	---	0.15	---	0.05	---	0.15

Composition Results

Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total
S16051608	0.74	0.35	0.23	0.06	0.85	0.05	0.06	0.02	---	---

Mechanical Property - Test Limits

Test Type		UTS - L		TYS - L		EL. HD. Long		
UOM		KSI		KSI		PCT		
# of Test			
Test Temper	Lot Number	# of Tests	MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
T6	22480616	2	45.0	45.2	41.1	41.9	10.0	12.0

Cert Notes

Material manufactured to T6511 specifications also meets T6 requirements.

All elements are represented in the chemical analysis section. The remainder is Aluminum.

All mill finish alloys produced at Sapa Industrial Extrusions comply with Directive 2011/65/EU (RoHS 2) with the exception of 6062 alloy.

In accordance with EN 10204, Test Report Type 2.2 and Certificate Type 3.1

Material produced in compliance to EN 10204 3.1

Melted in USA or Qualifying Countries (as defined in Defense Federal Acquisition Regulation Supplement (DFARS) Section 225-872-1

Manufactured in USA

Manufactured in the United States



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO32456**

Purchase Order Date 5/24/2016

PO Print Date 5/25/2016

Page Number 1 of 1

Order From :

VU-MCM001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

E-MAILED

MAY 25 2016

Contact Name

Vendor Phone 330 995 5500

Ship To Contact

Ship To Phone

Ship Via: Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 10

Currency USD

FOB FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
			Promise Date				
1	71900-90	6546K999 6061-T6 ALUM RECTANGLE TUBE 1/8" X 1" X 1-1/2"	6/1/2016		4.00	\$35.00	\$140.00
			Yes		Each		
		MATERIAL CERT REQUIRED	6/1/2016				

Deliver To: CHANTAL

Line Total: \$140.00

PO Total: \$140.00

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 2

Change Date: 5/25/2016